AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-4 (Canceled)

5. (Currently Amended): A method of ~~visualization~~ visualizing ~~of the~~ echos received by an active sonar ~~using~~ transmitting a line spectrum ~~emissionwaveform~~, ~~this visualization being carried out on a panoramic screen,~~said method comprising the steps of:

- Doppler processing ~~of the signal~~the received signals, ~~this step making it possible to class the echos received as a function of their Doppler frequency~~and detecting echoes,

- generating an artificial sonar image positioning the detected echoes in a range-bearing plane, and

~~creating a synthetic image representing in a bearing distance plane the set of echos detected in the form of symbols, and~~

~~restituting on the image of the reconstituted panoramic reverberation.~~

- supplementing said artificial image with a representation of a reverberation level at each point of said range-bearing plane.

6. (Currently Amended): The method as claimed in claim 5, wherein the step of supplementing said artificial image ~~reconstitution of the panoramic reverberation~~ is carried out by displaying for each point of the image, tagged by its distance and its bearing, the echo whose Doppler frequency is situated at the center of a zone A corresponding to the Doppler frequencies relating to the fixed echos.

7. (Currently Amended): The method as claimed in claim 5, wherein the detected echoes ~~visualization produced comprises at one and the same time the reconstituted panoramic reverberation and the mobile echos detected, these echos beingare~~ represented on the artificial image by areas whose color and size depend ~~vary as a function of~~on the level and of the duration of the echoes received.

8. (Currently Amended): The method as claimed in claim ~~5~~6, wherein the detected echoes are represented on the artificial image ~~visualization produced comprises at one and the same time the reconstituted panoramic reverberation and the mobile echos detected, these echos being represented~~ by areas whose color and size depend on the ~~vary as a function of the~~ level and of the duration of the echoes received and on their fixed or mobile character.

9. (Currently Amended): The method as claimed in claim 8, wherein the detected echoes ~~detected~~ are highlighted on the ~~visualization produced~~artificial image by means of symbols, these symbols making it possible to distinguish the mobile echoes from the fixed echoes.